

26) Remove FORTRAN 77 Compiler 4.2 from g0acs02, g0acs03, g0acs04, g0css02, g0dis02, g0dms03, g0ins01, g0ins02, g0mss02, g0mss07, g0mss10, g0mss20, g0pls01 and g0pls02

27) Add Traceroute 1.17 to g0acs02, g0ais01, g0css02, g0dms04, g0ins01, g0mss21, g0pls01 and g0pls02.

28) Add Sendmail 8.8.8+Sun to g0pls02.

Document Name	From	To
Hardware-Software Map, GSFC Operational Subsystem B/L 5B	920-TDG-002 Rev 23	920-TDG-002 Rev 24
COTS Software Version Baseline Report	910-TDA-003 Rev 59	910-TDA-003 Rev 60
ECS-wide Subsystem B/L Drop 5B		

CM01AJA00

**M&O CCB AGENDA for
Tuesday, January 16, 2001
ROOM 2123 (ECS Facility) at 1:30 p.m. (EST)
1-800-547-5078**

- | | |
|--|---------------|
| 1. Roll-Call | |
| 2. NCRs Recommended for Closure | Page |
| 3. Deferred CCRs | Page |
| 4. Open ECO Report | Pages 1- 11 |
| 5. New CCRs | Pages 12 - 23 |
| 6. Deferred & Procurement CCRs
(For Reference Only) | Pages 24 - 30 |
| 7. Comments | |
| 8. Meeting Adjourned | |

**M&O ECO Open Report
As of 01/16/01**

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
AC-99-0552	M&O	LARC	ANDREWS, B.	01/11/01	99-1216
(CCR Title: Procure and Upgrade Winframe software at GSFC and LaRC for Y2K compliance)					
Notify CM when Winframe Software Version 1.7 has been installed at LARC.					
Last Status: 02/16/00 STATUS CHECK This upgrade is on hold until GSFC's installation is successful.					
AC-01-0006	M&O	LARC	ANDREWS, B.	01/27/01	01-0003
(CCR Title: Delete unwanted EIN and related records in ILM database at the sites)					
Inform CM when you have executed Local ILM admin script per technical directive instructions #01-002 located on the SMC page.					
Last Status: 01/09/01 LOGGED					
AC-00-1221	M&O	LARC	ANDREWS, B.	01/30/01	00-1169
(CCR Title: Baseline AMASS 4.12.4)					
Notify CM via e-mail (ecscm) when the AMASS 4.12.4 tar file has been downloaded from the SMC and installed at LaRC.					
Last Status: 12/21/00 LOGGED					
AC-00-1169	M&O	LARC	ANDREWS, B.	01/30/01	00-1149
(CCR Title: IRIX 6.5.9m Maintenance Upgrade for SGI Science processor machines only for the ECS proje					
Notify CM via e-mail (ecscm) when tar file for IRIX 6.5.9m Maintenance Upgrade for SGI Science processor has been received from the SMC and installed.					
Last Status: 12/14/00 LOGGED					
AC-00-1175	M&O	LARC	ANDREWS, B.	12/28/00	00-1158
(CCR Title: Procure PopChart Image Server and PopChart Builder for ECS Dashboard)					
Notify CM via e-mail (ecscm) when PopChart products to support ECS Dashboard implementation of phase 1 have been received and installed by DAACs.					
Last Status: 12/14/00 LOGGED					
AC-00-1140	M&O	LARC	ANDREWS, B.	01/31/01	00-1095
(CCR Title: Baseline Engineering Technical Directive for Solaris, SGI, and HP systems, standard inetd confi					
Please inform CM when you have performed the instruction in the Engineering Technical Directive for Solaris, SGI, & HP systems at LaRC.					
Last Status: 12/05/00 LOGGED					
AC-00-1009	M&O	LARC	ANDREWS, B.	01/30/01	00-0990
(CCR Title: Install and Run Distributed Denial of Service Trojan Detection Tool on Baseline Solaris Sys in al					
Please inform CM when DDOS has been downloaded, run, and installed according to 914-TDA-146 at LARC.					
Last Status: 10/18/00 LOGGED					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
AC-00-0986	M&O	LARC	ANDREWS, B.	01/31/01	00-0964
(CCR Title: SGI IRIX 6.5 Kernel Configuration Parameter Descriptions) Inform CM when LaRC implements the ECS baselined configuration parameter values for the SGI IRIX 6.5 Kernel as set forth in document 910-TDA-024-Rev00. Last Status: 10/12/00 LOGGED					
AC-00-0777	M&O	LARC	ANDREWS, B.	01/31/01	00-0810
(CCR Title: SGI FLEXlm License Server Baseline Change) Install l0acg02 as the third of the SGI FLEXlm redundant license servers during the IRIX 6.5 OS upgrade. Configure l0acg01, l0drg01 and l0drg03 as SGI redundant servers. Request redundant servers license key from SW licensing. Last Status: 08/15/00 LOGGED					
AC-00-0848	M&O	LARC	ANDREWS, B.	01/31/01	00-0857
(CCR Title: Baseline Tripwire 1.3 for IRIX 6.5) Please inform CM when you have installed Tripwire 1.3 for IRIX 6.5 at LARC per PSR 914-TDA-0143. Last Status: 08/24/00 LOGGED					
AC-00-0905	M&O	LARC	ANDREWS, B.	01/31/01	00-0793A
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje Install Irix 6.5 at LARC as instructed in PSR 914-TDA-0140-Rev01 and notify CM via ecscm@eos.hitc.com when completed. Last Status: 09/10/00 LOGGED					
AC-00-0909	M&O	LARC	ANDREWS, B.	01/31/01	00-0793A
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje Update or verify Console1 and Console2 baseline as attached in CCR 00-0793A during DAAC's IRIX 6.5 Transition at LARC. Last Status: 09/11/00 LOGGED					
AC-00-0733	M&O	LARC	ANDREWS, B.	01/31/01	00-0769
(CCR Title: IMSL 64-bit 3.01 C and 4.01 Fortran Library maintenance upgrade for SGI IRIX 6.5 for the ECS Notify CM when IMSL 64-bit 3.01 C and 4.01 Fortran have been installed at LaRC according to the PSR instructions 914-TDA-026-Rev01. Last Status: 08/04/00 LOGGED					
AC-00-0738	M&O	LARC	ANDREWS, B.	01/31/01	00-0771
(CCR Title: IDL 5.3 for IRIX 6.5 and IDL 5.3.1 for PC Maintenance Upgrade for the ECS Project) Notify CM when IDL 5.3 for IRIX 6.5 and IDL 5.3.1 has been installed at LARC according to the PSR instructions 914-TDA-139. Last Status: 08/04/00 LOGGED					
AC-00-0644	M&O	LARC	ANDREWS, B.	01/31/01	00-0709
(CCR Title: Technical Directive to Remove DCE Cell Manager Host Agent on IRIX 6.5 SGIs) Remove DASECOM DCE Cell Manager 1.6.2 from all SGI clients on all hosts that will be UPGRADED from IRIX 6.2 to IRIX 6.5 during the IRIX 6.5 Transition. Implementation should not occur until the IRIX 6.5 upgrade occurs and COTS product is no longer					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
baselined for the LARC hosts. Last Status: 07/11/00 LOGGED					
AC-00-1193	M&O	EDC	BURNISON, T.	12/22/00	00-1141
(CCR Title: Procure Spares to reduce DAAC downtime) Notify CM via e-mail (ecscm) when Spares to reduce DAAC downtime have been received and e-mail sent to ILS property admin. acknowledging receipt. Last Status: 12/14/00 LOGGED					
AC-01-0005	M&O	GSFC	GRAY, R.	01/27/01	01-0003
(CCR Title: Delete unwanted EIN and related records in ILM database at the sites) Inform CM when you have executed Local ILM admin script per technical directive instructions #01-002 located on the SMC page. Last Status: 01/09/01 LOGGED					
AC-00-1192	M&O	GDAC	GRAY, R.	01/30/01	00-1141
(CCR Title: Procure Spares to reduce DAAC downtime) Notify CM via e-mail (ecscm) when Spares to reduce DAAC downtime have been received and e-mail sent to ILS property admin. acknowledging receipt. Last Status: 12/14/00 LOGGED					
AC-00-1170	M&O	GDAC	GRAY, R.	01/23/01	00-1149
(CCR Title: IRIX 6.5.9m Maintenance Upgrade for SGI Science processor machines only for the ECS proje Notify CM via e-mail (ecscm) when tar file for IRIX 6.5.9m Maintenance Upgrade for SGI Science processor has been received from the SMC and installed. Last Status: 12/14/00 LOGGED					
AC-00-1176	M&O	GDAC	GRAY, R.	01/23/01	00-1158
(CCR Title: Procure PopChart Image Server and PopChart Builder for ECS Dashboard) Notify CM via e-mail (ecscm) when PopChart products to support ECS Dashboard implementation of phase 1 have been received and installed by DAACs. Last Status: 12/14/00 LOGGED					
AC-00-1116	M&O	GDAC	GRAY, R.	01/30/01	00-1088
(CCR Title: Install additional GSFC M&O hardware to support System Administration activities.) Inform CM when you have updated 840-TP-002-002 GSFC DAAC M&O equipment Technical Paper document. Last Status: 11/15/00 LOGGED					
AC-00-1142	M&O	GSFC	GRAY, R.	01/18/01	00-1095
(CCR Title: Baseline Engineering Technical Directive for Solaris, SGI, and HP systems, standard inetd confi Please inform CM when you have performed the instruction in the Engineering Technical Directive for Solaris, SGI, & HP systems at GSFC. Last Status: 12/05/00 LOGGED					
AC-00-1095	M&O	GDAC	GRAY, R.	01/23/01	00-1062
(CCR Title: Software Version 5B.06 PSR. Delivery to the DAACs) Inform CM via e-mail (ecscm) when software version 5B.06 has been installed at the GSFC DAAC.					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
Last Status:	11/09/00		LOGGED		
AC-00-0854	M&O	GSFC	GRAY, R.	01/15/01	00-0857
(CCR Title: Baseline Tripwire 1.3 for IRIX 6.5)					
Notify CM via ecscm@eos.hitc.com when Tripwire 1.3 for IRIX 6.5 has been installed at GSFC per PSR 914-TDA-0143.					
Last Status:	09/19/00		STATUS CHECK		
AC-00-1208	M&O	CM	HARRIS, F.	03/31/01	00-1163
(CCR Title: Install PDS equipment at EDC)					
Inform CM when you have verified the "From" & "To" changes before posting all baseline documents to the web.					
Last Status:	12/19/00		LOGGED		
AC-00-1148	M&O	SED	HARRIS, F.	01/30/01	00-1116
(CCR Title: Hardware installations for SPR and FSMS at LaRC; CPU upgrade at GSFC; Gigabit card move)					
Inform CM when you have added the red-lines to your next updates to the documents 910-TDL-002 Rev 22.					
Last Status:	12/06/00		LOGGED		
AC-00-0840	M&O	CM	HAUPT, S.	02/06/01	00-0826
(CCR Title: Delivered Custom Code Baseline)					
Inform CM when you have updated new delivered custom code baseline document 920-TDX-019.					
Last Status:	11/15/00		STATUS CHECK Status fix		
AC-00-1138	M&O	SMC	KELLY, D.	12/11/00	00-1095
(CCR Title: Baseline Engineering Technical Directive for Solaris, SGI, and HP systems, standard inetd confi)					
Please inform CM when you have performed the instruction in the Engineering Technical Directive for Solaris, SGI, & HP systems at SMC.					
Last Status:	12/05/00		LOGGED		
AC-01-0003	M&O	SMC	LATIMORE, R.	01/18/01	01-0003
(CCR Title: Delete unwanted EIN and related records in ILM database at the sites)					
Inform CM when you have delivered deldata_sql script to EDC, GSFC, EMOS, LaRC, and NSIDC.					
Last Status:	01/09/01		LOGGED		
AC-01-0007	M&O	NSID	LUTES, R.	01/27/01	01-0003
(CCR Title: Delete unwanted EIN and related records in ILM database at the sites)					
Inform CM when you have executed Local ILM admin script per technical directive instructions #01-002 located on the SMC page.					
Last Status:	01/09/01		LOGGED		
AC-00-1220	M&O	NSID	LUTES, R.	01/04/01	00-1169
(CCR Title: Baseline AMASS 4.12.4)					
Notify CM via e-mail (ecscm) when the AMASS 4.12.4 tar file has been downloaded from the SMC and installed at NSIDC.					
Last Status:	12/21/00		LOGGED		

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
AC-00-1195	M&O	NSID	LUTES, R.	12/22/00	00-1141
(CCR Title: Procure Spares to reduce DAAC downtime) Notify CM via e-mail (ecscm) when Spares to reduce DAAC downtime have been received and e-mail sent to ILS property admin. acknowledging receipt. Last Status: 12/14/00 LOGGED					
AC-00-1167	M&O	NSID	LUTES, R.	12/28/00	00-1149
(CCR Title: IRIX 6.5.9m Maintenance Upgrade for SGI Science processor machines only for the ECS proje Notify CM via e-mail (ecscm) when tar file for IRIX 6.5.9m Maintenance Upgrade for SGI Science processor has been received from the SMC and installed. Last Status: 12/14/00 LOGGED					
AC-00-1174	M&O	NSID	LUTES, R.	12/28/00	00-1158
(CCR Title: Procure PopChart Image Server and PopChart Builder for ECS Dashboard) Notify CM via e-mail (ecscm) when PopChart products to support ECS Dashboard implementation of phase 1 have been received and installed by DAACs. Last Status: 12/14/00 LOGGED					
AC-00-1141	M&O	NSID	LUTES, R.	12/18/00	00-1095
(CCR Title: Baseline Engineering Technical Directive for Solaris, SGI, and HP systems, standard inetd confi Please inform CM when you have performed the instruction in the Engineering Technical Directive for Solaris, SGI, & HP systems at NSIDC. Last Status: 12/05/00 LOGGED					
AC-00-0971	M&O	NSID	LUTES, R.	01/02/01	00-0980
(CCR Title: Install test executable to fix telnetd daemon security bug on IRIX 6.2 and 6.5.x machines) Inform CM when you have downloaded and installed test executable in NSIDC. Last Status: 10/05/00 LOGGED					
AC-00-0985	M&O	NSID	LUTES, R.	01/02/01	00-0964
(CCR Title: SGI IRIX 6.5 Kernel Configuration Parameter Descriptions) Inform CM when NSID implements the ECS baselined configuration parameter values for the SGI IRIX 6.5 Kernel as set forth in document 910-TDA-024-Rev00. Last Status: 10/12/00 LOGGED					
AC-00-0811	M&O	NSID	LUTES, R.	01/02/01	00-0804
(CCR Title: Deploy ClearCase 3.2.1 to EDF, and deliver the upgrade release package to SMC for distributio Notify CM when Clearcase 3.2.1 has been installed as per 914-TDA-045-Rev01 at NSIDC. Last Status: 08/17/00 LOGGED					
AC-00-0849	M&O	NSID	LUTES, R.	01/02/01	00-0857
(CCR Title: Baseline Tripwire 1.3 for IRIX 6.5) Please inform CM when you have installed Tripewire 1.3 for IRIX 6.5 at NSIDC per PSR 914-TDA-0143. Last Status: 08/24/00 LOGGED					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
AC-00-0869	M&O	NSID	LUTES, R.	01/02/01	00-0861
(CCR Title: ETD to Replace S87 Route_add Scripts) Inform CM when you have replaced Route_add Scripts at NSIDC Daac. Last Status: 08/30/00 LOGGED					
AC-00-0819	M&O	NSID	LUTES, R.	01/02/01	00-0845
(CCR Title: Release of tar file for DG RAID firmware upgrade to SMC for delivery to DAACs) Notify CM when DG RAID has been installed as per 914-TDA-142 at NSIDC. Last Status: 08/17/00 LOGGED					
AC-00-0906	M&O	NSID	LUTES, R.	01/02/01	00-0793A
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje Install Irix 6.5 at NSIDC as instructed in PSR 914-TDA-0140-Rev01 and notify CM via ecscm@eos.hitc.com when completed. Last Status: 09/10/00 LOGGED					
AC-00-0910	M&O	NSID	LUTES, R.	01/02/01	00-0793A
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje Update or verify Console1 and Console2 baseline as attached in CCR 00-0793A during DAAC's IRIX 6.5 Transition at NSIDC. Last Status: 09/11/00 LOGGED					
AC-00-0734	M&O	NSID	LUTES, R.	01/02/01	00-0769
(CCR Title: IMSL 64-bit 3.01 C and 4.01 Fortran Library maintenance upgrade for SGI IRIX 6.5 for the ECS Notify CM when IMSL 64-bit 3.01 C and 4.01 Fortran have been installed at NSIDC according to the PSR instructions 914-TDA-026-Rev01. Last Status: 08/04/00 LOGGED					
AC-00-0708	M&O	NSID	LUTES, R.	01/02/01	00-0774
(CCR Title: DUE: Loghost for M&O and ECS) Prepare and submit a CCR to the M&O CCB for DUE: Loghost for M&O and ECS. Use CCR 00-0774 as a model for your CCR. Last Status: 08/01/00 LOGGED					
AC-00-0914	M&O	NSID	LUTES, R.	01/02/01	00-0779
(CCR Title: Purify 4.5 for SGI IRIX 6.5.6 maintenance upgrade for the ECS project) Inform CM when you have upgraded Purify to version 4.5 for IRIX 6.5 host at NSIDC. Last Status: 09/12/00 LOGGED					
AC-00-0540	M&O	NSID	LUTES, R.	01/02/01	00-0313A
(CCR Title: Release Perl (Version 5.005_03) Maintenance Upgrade for the ECS Project) Notify CM when Perl (Version 5.005_03) Maintenance Upgrade has been reinstalled using Tar File sgi62.tar at NSIDC. Last Status: 05/24/00 LOGGED					
AC-01-0004	M&O	EDC	ROCKVAM, T.	01/27/01	01-0003
(CCR Title: Delete unwanted EIN and related records in ILM database at the sites) Inform CM when you have executed Local ILM admin script per technical directive instructions #01-002 located on the SMC page.					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
Last Status:	01/09/01	LOGGED			
AC-00-1206	M&O	EDC	ROCKVAM, T.	01/31/01	00-1163
(CCR Title: Install PDS equipment at EDC)					
Please inform CM when you have installed PDS hardware at EDC.					
Last Status:	12/19/00	LOGGED			
AC-00-1207	M&O	EDC	ROCKVAM, T.	03/31/01	00-1163
(CCR Title: Install PDS equipment at EDC)					
Inform CM when you have returned the following equipment to EDF after PDS is operational: 3 CDROMs attached to e0dis01, 2 8mm stackers attached to e0dis02 (EIN 3013, 3014).					
Last Status:	12/19/00	LOGGED			
AC-00-1168	M&O	EDC	ROCKVAM, T.	01/30/01	00-1149
(CCR Title: IRIX 6.5.9m Maintenance Upgrade for SGI Science processor machines only for the ECS proje					
Notify CM via e-mail (ecscm) when tar file for IRIX 6.5.9m Maintenance Upgrade for SGI Science processor has been received from the SMC and installed.					
Last Status:	12/14/00	LOGGED			
AC-00-1173	M&O	EDC	ROCKVAM, T.	01/30/01	00-1158
(CCR Title: Procure PopChart Image Server and PopChart Builder for ECS Dashboard)					
Notify CM via e-mail (ecscm) when PopChart products to support ECS Dashboard implementation of phase 1 have been received and installed by DAACs.					
Last Status:	12/14/00	LOGGED			
AC-00-1139	M&O	EDC	ROCKVAM, T.	01/30/01	00-1095
(CCR Title: Baseline Engineering Technical Directive for Solaris, SGI, and HP systems, standard inetd confi					
Please inform CM when you have performed the instruction in the Engineering Technical Directive for Solaris, SGI, & HP systems at EDC.					
Last Status:	12/05/00	LOGGED			
AC-00-1106	M&O	EDC	ROCKVAM, T.	01/30/01	00-1073
(CCR Title: Install additional memory for PC's at EDC on the M&O LAN, Additional NT S/W required for upg					
Inform CM when you have updated 840-TP-001-003 EDC DAAC M&O Equipment Technical Paper.					
Last Status:	11/15/00	LOGGED			
AC-00-0978	M&O	EDC	ROCKVAM, T.	01/30/01	00-0965
(CCR Title: SYBASE Adaptive Server Enterprise 11.5.x Configuration Parameters and Database Devices)					
Inform CM when ASE 11.5.1 ECS baselined values for EDC have been implemented as set forth in document (Sybase Adaptive Server Enterprise 11.5.x Configuration Parameters and Database Devices). Notify Imran Chughtai after the transition to baselined values is complete.					
Last Status:	10/12/00	LOGGED			
AC-00-0984	M&O	EDC	ROCKVAM, T.	01/30/01	00-0964
(CCR Title: SGI IRIX 6.5 Kernel Configuration Parameter Descriptions)					
Inform CM when EDC implements the ECS baselined configuration parameter values					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
for the SGI IRIX 6.5 Kernel as set forth in document 910-TDA-024-Rev00.					
Last Status: 10/12/00 LOGGED					
AC-00-0850	M&O	EDC	ROCKVAM, T.	01/30/01	00-0857
(CCR Title: Baseline Tripwire 1.3 for IRIX 6.5)					
Please inform CM when you have installed Tripwire 1.3 for IRIX 6.5 at EDC per PSR 914-TDA-0143.					
Last Status: 08/24/00 LOGGED					
AC-00-0867	M&O	EDC	ROCKVAM, T.	01/30/01	00-0861
(CCR Title: ETD to Replace S87 Route_add Scripts)					
Inform CM when you have replaced Route_add Scripts at EDC Daac.					
Last Status: 08/30/00 LOGGED					
AC-00-0834	M&O	EDC	ROCKVAM, T.	01/30/01	00-0858
(CCR Title: Increase size of automount filesystem for IRIX transition at all DAACs)					
Please notify CM when you have Installed 5 9 GB drives in MSS App server RAID and add to automount filesystem at EDC.					
Last Status: 08/23/00 LOGGED					
AC-00-0897	M&O	EDC	ROCKVAM, T.	01/30/01	00-0843
(CCR Title: Engineering Technical Directive to Remove FLEXlm from certain SGI hosts)					
Follow the procedures indicated in the attached ETD to remove FLEXlm servers from SGI hosts prior to upgrading those hosts to IRIX 6.5. This should only be performed on hosts that will not be FLEXlm servers once the IRIX 6.5 upgrade is performed.					
Last Status: 09/06/00 LOGGED					
AC-00-0903	M&O	EDC	ROCKVAM, T.	01/31/01	00-0793A
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje					
Install Irix 6.5 at EDC as instructed in PSR 914-TDA-0140-Rev01 and notify CM via ecscm@eos.hitc.com when completed.					
Last Status: 09/10/00 LOGGED					
AC-00-0907	M&O	EDC	ROCKVAM, T.	01/30/01	00-0793A
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje					
Update or verify Console1 and Console2 baseline as attached in CCR 00-0793A during DAAC's IRIX 6.5 Transition at EDC.					
Last Status: 09/11/00 LOGGED					
AC-00-0995	M&O	EDC	ROCKVAM, T.	01/30/01	00-0793C
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje					
Remove the e0drg01 and e0drg02 machines at the EDC DAAC and send them to the EDF.					
Last Status: 10/18/00 LOGGED					
AC-00-0997	M&O	EDC	ROCKVAM, T.	01/30/01	00-0793C
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje					
Add the MPISpro Compilers to the e0drg05 machine at the EDC DAAC. Note ProDev Workshop is also added.					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
Last Status:	10/18/00		LOGGED		
AC-00-0603	M&O	EDC	ROCKVAM, T.	01/30/01	00-0640
(CCR Title: Install IRIX transition hardware at EDC, GSFC)					
Notify CM when Fast Ethernet cards have been installed in specified machines at EDC.					
Last Status:	06/16/00		LOGGED		
AC-00-0458	M&O	EDC	ROCKVAM, T.	01/30/01	00-0457
(CCR Title: HP openview version 6.0 Maintenance Upgrade for the ECS Project)					
Notify CM when Openview Version 6.0 installation is complete at EDC.					
Last Status:	04/28/00		LOGGED		
AC-00-1194	M&O	LARC	TILLIE, A.	01/30/01	00-1141
(CCR Title: Procure Spares to reduce DAAC downtime)					
Notify CM via e-mail (ecscm) when Spares to reduce DAAC downtime have been received and e-mail sent to ILS property admin. acknowledging receipt.					
Last Status:	12/14/00		LOGGED		
AC-00-1205	M&O	EDS	WELLS, T.	12/30/00	00-1163
(CCR Title: Install PDS equipment at EDC)					
Ship the following equipment to EDC for PDS: 2 monitors (EIN 604, 1362); 2 graphics cards for e0dis01/02; 2 STK9730 DLT stackers (EIN 11325).					
Last Status:	12/19/00		LOGGED		
AC-00-1108	M&O	EDS	WELLS, T.	12/22/00	00-1079
(CCR Title: Procure for GSFC and LaRC a Wincenter Server to replace HP systems that are being remove)					
Inform CM when you have shipped Wincenter Server to GSFC for Matt Wilkinson and LaRC for Tony Tillie.					
Last Status:	11/15/00		LOGGED		
AC-00-1110	M&O	EDS	WELLS, T.	01/05/01	00-1080
(CCR Title: Procure for GSFC additional M&O hardware to support staffing requirements and to replace no)					
Inform CM when you have shipped GSFC additional M&O hardware to support staffing requirements and to replace non GFE Property.					
Last Status:	11/15/00		LOGGED		
AC-00-1115	M&O	GDAC	WELLS, T.	01/15/01	00-1080
(CCR Title: Procure for GSFC additional M&O hardware to support staffing requirements and to replace no)					
Inform CM when you have installed additional GSFC M&O hardware to support System Administration activities.					
Last Status:	11/15/00		LOGGED		
AC-00-1143	M&O	EDS	WELLS, T.	01/15/01	00-1116
(CCR Title: Hardware installations for SPR and FSMS at LaRC; CPU upgrade at GSFC; Gigabit card move)					
Please inform CM when you have removed extra parts from 02k in the hardware installation for SPR and FSMS at LaRC.					
Last Status:	12/05/00		LOGGED		

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
AC-00-1146	M&O	EDS	WELLS, T.	05/01/01	00-1116
(CCR Title: Hardware installations for SPR and FSMS at LaRC; CPU upgrade at GSFC; Gigabit card move Please inform CM when you have installed gigabit ethernet card in e0acg01. Last Status: 12/05/00 LOGGED					
AC-00-1147	M&O	EDS	WELLS, T.	01/10/00	00-1116
(CCR Title: Hardware installations for SPR and FSMS at LaRC; CPU upgrade at GSFC; Gigabit card move Please inform CM when you have updated any additional documentation pertaining to this CCR. Last Status: 12/05/00 LOGGED					
AC-00-0843	M&O	EDS	WELLS, T.	01/15/01	00-0840
(CCR Title: DUE: Add Origin 200 as Test Data Machine at GSFC DAAC) Update floor plan and cable management plan 920-TDG-004 and 920-TDG-005. Last Status: 08/23/00 LOGGED					
AC-00-0890	M&O	EDS	WELLS, T.	01/15/01	00-0793
(CCR Title: SGI IRIX 6.5.6 operating system and supporting COTS maintenance upgrade for the ECS proje Update 920-TDX-004 (Floor Plans) as a result of the approval of this CCR. Send softcopies to CM via ecscm@eos.hitc.com when complete. Last Status: 09/01/00 LOGGED					
AC-00-0565	M&O	EDS	WELLS, T.	12/26/00	00-0556
(CCR Title: Database Monitoring in PVC) Update 920-TDP-009 (Cable Management Plan) as a result of this approved CCR. Last Status: 06/06/00 LOGGED					
AC-00-0320	M&O	EDS	WELLS, T.	01/15/01	00-0278
(CCR Title: Relocation of g0acs02 (1828) from N143 to Distribution Area in C101) Upon receipt of red-line document of 920-TDG-004, update document and submit to M&O CCB. Last Status: 03/21/00 LOGGED					
AC-00-0345	M&O	EDS	WELLS, T.	01/15/01	00-0279
(CCR Title: Installation of g0mop07 in C101 console 29 for Ingest reporting) Update 920-TDA-005 (Cable Management Plan) as a result of this CCR. Last Status: 03/28/00 LOGGED					
AC-00-0327	M&O	SED	WELLS, T.	01/15/01	00-0241
(CCR Title: Remove Ingest Workstation from ECS Design) Update 920-TDX-005 to reflect the changes in this CCR. Last Status: 03/21/00 LOGGED					
AC-00-0328	M&O	EDS	WELLS, T.	01/15/01	00-0241
(CCR Title: Remove Ingest Workstation from ECS Design) Update 920-TDX-04 (Floor Plan) to reflect the change in this CCR. Last Status: 03/21/00 LOGGED					

Action No.	CCB	DAAC	Actionee	Date Due	CCR No.
AC-00-0507	M&O	EDS	WELLS, T.	01/15/01	00-0495
(CCR Title: Add g0spg10 and RAID to support SSIT)					
Update 920-TDG-004, and 920-TDG-005, to reflect addition of g0spg10 to baseline.					
Last Status: 05/16/00 STATUS CHECK We deleted 920-TDG-012 because this should n					

Records printed: 82

ECS Configuration Change Request

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1. Originator Willard Selph	2. Log Date: 1/08/01	3. CCR #: 01-0009	4. Rev:	5. Tel: 301/883-4016	6. Rm #: 2107B	7. Dept. SED
8. CCR Title: Engineering Technical Directive to turn pcnfs off.						
9. Originator Signature/Date <i>Willard D Selph</i> 01-08-01		10. Class II	11. Type: CCR	12. Need Date: 01/28/01		
13. Office Manager Signature/Date <i>Walter M. Bole</i> 01/08/01		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: None		17. Schedule Impact:		18. CI(s) Affected: All SGI Platforms		
19. Release Affected by this Change: N/A		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: NCR ECSed 22503						
23. Problem: (use additional Sheets if necessary) Currently pcnfs is not used on the ECS project.						
24. Proposed Solution: (use additional sheets if necessary) Turn off pcnfs.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Potential security risk.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Bryan J. Peters</i> 1/10/01		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB				

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ECS/EDF/SCDV/M&O

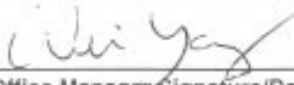
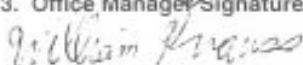
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Page(s)

1. Originator Wei Yang	2. Log Date: 10 JAN 01	3. CCR #: 01-0022	4. Rev: -	5. Tel: 301/883-4027	6. Rm #: 3008	7. Dept. SED
8. CCR Title: Baseline "Removing HP OpenView-related ECS Custom Code" Engineering Technical Directive						
9. Originator Signature/Date  1/8/01		10. Class II	11. Type: CCR	12. Need Date: 1/31/01		
13. Office Manager Signature/Date  1/9/01		14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (if "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted:		17. Schedule Impact:		18. CI(s) Affected:MSS		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) With the removal of application monitoring functionality from HP Open View, a number of changes must be made to the version of HP Open View configured at the sites.						
24. Proposed Solution: (use additional sheets if necessary) Execute the attached Engineering Technical Directive.						
25. Alternate Solution: (use additional sheets if necessary) Not applicable.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) HP Open View will not function correctly (errors will be generated).						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input checked="" type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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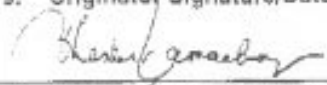

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Page(s)

1. Originator Bhaskar Ramachandran	2. Log Date: 1/11/01	3. CCR #: 01-0027	4. Rev: -	5. Tel: 605-594-6110	6. Rm #: EDC	7. Dept. EDC
8. CCR Title: QA Metadata Update Tool (MUT) Performance Enhancements						
9. Originator Signature/Date  12-12-00		10. Class II	11. Type: CCR	12. Need Date: Jan 2001		
13. Office Manager Signature/Date  12-12-00		14. Category of Change: Other		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted:		17. Schedule Impact:		18. CI(s) Affected: SDSRV		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) The QA MUT, from its inception to its latest incarnation, has had no capability for handling massive updates without serious contention with ECS system resources. See additional sheet for details.						
24. Proposed Solution: (use additional sheets if necessary) Several Performance Enhancements are requested. See additional sheet for details.						
25. Alternate Solution: (use additional sheets if necessary)						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Metadata updates are inefficient and adversely impacts system performance.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Bhaskar Ramachandran

Telephone: 605-594-6110 **Office:** EDC

Title of Change: QA Metadata Update Tool (MUT) Performance Enhancements

Problem:

EDC DAAC is expected by the MODIS and ASTER Science Teams to perform updates to the ScienceQualityFlag and ScienceQualityFlagExplanation values in the metadata for all the Terra data sets that we archive here at ECS. The QA Metadata Update Tool (QA MUT) is the only tool available to perform these updates.

The QA MUT, from its inception to its latest incarnation, has had no capability for handling massive updates without serious contention with ECS system resources. Currently, the MUT processes update requests in two stages (granule identification followed by commitment of changes to the database), each of which locks the Science Data Server Databases to other vital system processes such as ingest, distribution, etc. Additionally, the MUT only accepts requests formatted with Archive URs, which are not readily available to the Science Teams making the science metadata update requests.

Proposed Solution: Describe the proposed solution.

1. Multiple QA updates should be supported by specifying a particular Earth Science Data Type (ESDT), a temporal window that defines the Acquisition Start and Stop dates, and the requisite Science QA flag and its explanation. This design should be capable of making QA update changes to approximately 100,000 granules per day.
2. Multiple QA updates should be supported by referencing the Local Granule ID instead of the Archive UR. This design should be capable of making QA update changes to approximately 15,000 granules per day.
3. The QA MUT needs enhanced reporting and log-writing capabilities.
4. Enhancements should be made to avoid contention with ECS system resources.

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ECS Configuration Change Request

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Page(s)

1. Originator Rajesh Dharia	2. Log Date: 12 JAN 01	3. CCR #: 01-0031	4. Rev: —	5. Tel: (301) 925-0498	6. Rm #: 3204E	7. Dept. COTS
8. CCR Title: Remove application monitoring functionality from HP Open View through Technical Directive						
9. Originator Signature/Date <i>Rajesh Dharia 1/12/01</i>		10. Class II	11. Type: CCR	12. Need Date: 1/17/01		
13. Office Manager Signature/Date <i>John Lee 1/12/01</i>		14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: N/A		17. Schedule Impact:		18. CI(s) Affected:		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Email from Wei Yang CSMS sub system lead						
23. Problem: (use additional Sheets if necessary) With the removal of application monitoring functionality from HP OpenView, a number of changes must be made to the version of HP OpenView configured at the site.. VATC and PVC. These changes are required to remove a dependency on custom code that is being phased out of the baseline.						
24. Proposed Solution: (use additional sheets if necessary) Follow instructions provided in the Technical directive for removal of application monitoring functionality from HP Open View. Once these changes are implemented, there will be no interaction between HP OpenView and ECS custom code. As a result, none of the ECS shared mode servers (EcMsAgDeputy, EcMsCmEcsd, EcMsCmOvmap, EcMsAgSubagent, EcMsAgAgent, or EcMsAgGenProxy) will need to be run. To minimize the impact of these servers not running, an additional configuration parameter change to all .ACFG file. Additional details are provided in the attachment.						
25. Alternate Solution: (use additional sheets if necessary)						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary)						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ADDITIONAL SHEET

CCR #: 01-0031 Rev: ~ Originator: R. Dharia

Telephone: X0498 Office: 3204E

Title of Change: Remove application monitoring functionality from HP Open View through Technical Directive

Implementation: The HP OpenView fix should be applied to the following ECS machines:

- * All MSS Server machines:
- * EDC e0msh03 (P), e0msh11 (S)
- * GSFC g0msh08 (P), g0msh11 (S)
- * LaRC l0msh03 (P), l0msh22 (S)
- * NSIDC n0msh03 (P), n0msh10 (S)
- * SMC m0msh03 (P), m0msh14 (S)
- * VATC t1msh01 (P), t1msh08 (S)
- * PVC p0msh08 (P), p0msh11 (S)

(Note: HP OpenView may not have been configured on all secondary hosts)

Other HPOV machines where This technical Directive is applied and tested are

- * EDF slimer
sparrow
relbhp

The .ACFG file fix should be verified on all machines.

The directive to not start SHARED mode custom servers applies to all SUN, HP and SGI machines on which SHARED mode is installed.

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Subject: Removing HP OpenView-related ECS Custom Code
The following directive is issued to all DAACS and labs.

xx Sep 00

Issue: With the removal of application monitoring functionality from HP OpenView, a number of changes must be made to the version of HP OpenView configured at the sites. These changes are required to remove a dependency on custom code that is being phased out of the baseline.

Once these changes are implemented, there will be no interaction between HP OpenView and ECS custom code. As a result, none of the ECS shared mode servers (EcMsAgDeputy, EcMsCmEcsd, EcMsCmOvmap, EcMsAgSubagent, EcMsAgAgent, or EcMsAgGenProxy) will need to be run. To minimize the impact of these servers not running, an additional configuration parameter change to all .ACFG files was incorporated in 5B.03. A step to verify this change is included in this directive. Also note that these changes should only be implemented if the HPOV instance at the site was customized to allow for application monitoring via HPOV.

Fix:

Note: At one point in time, the names of most files associated with the ECS customization were changed to conform to ECS naming conventions. To ensure that all of these files are removed, the instructions below will indicate how to remove both sets of files. If the file names listed in a particular step do not exist, simply ignore that file (or that step if it is the only file listed) and move on to the next.

1. Run `/opt/OV/bin/ovdelobj /etc/opt/OV/share/lrf/EcMsCmEcsd.lrf` (must be root to run)
2. Run `/opt/OV/bin/ovdelobj /etc/opt/OV/share/lrf/ecsd.`
3. From `/etc/opt/OV/share/lrf`, delete `EcMsCmEcsd.lrf` and/or `ecsd.lrf`
4. Delete the following files
in `/etc/opt/OV/share/fields/C`: `mss_fields`, `EcMsFields`
in `/etc/opt/OV/share/registration/C`: `MtnVwApp`, `TivoliApp`, `Trouble-Ticketing`, `mss.reg`,
`mss.reg_old`, `EcMsCmReg`
5. Remove the following directory, including any files and subdirectories:
`/var/opt/OV/share/help/C/ecsNNM`
6. Clean out the OpenView database by performing the following:
 - Verify `ovw` is not running
 - Run `/opt/OV/bin/ovstop`
 - Change to the following directory: `/var/opt/OV/share/databases/`
 - Create a backup directory and backup all files under `.../openview` to this directory
 - Remove OpenView database files (`cd /var/opt/OV/share/databases/openview` then use `rm -rf *`)
 - Remove all events (`cd /var/opt/OV/share/databases/eventdb` then `rm -rf /var/opt/OV/share/databases/eventdb/*/*`)
 - Remove events from cache (`/opt/OV/bin/xnmsnmpconf -clearCache`)
 - Run `/opt/OV/bin/ovstart ovwdb`
 - Run `/opt/OV/bin/ovw -fields`
 - Run `/opt/OV/bin/ovstart`
 - Run `/opt/OV/bin/ovw`
 - If there are any entries in the "Alarm Categories" window that start with ECS, perform the following steps (otherwise exit OpenView and proceed to step no. 6 below)
 - Select Options → Event Configuration from the menu
 - Highlight the row labeled "Nasa_ECS" from the "Enterprise Identification" section of the window
 - Select the first entry in the "Event Identification" section of the window so that is highlighted. Select Edit → Delete → Event from the menu. Repeat until there are no entries in the "Event Identification" section
 - Select the row labeled "Nasa_ECS" so that it is highlighted. Select Edit → Delete → Enterprise Identification from the menu

Subject: Removing HP OpenView-related ECS Custom Code

xx Sep 00

- Select Edit → Configure → Alarm Categories... from the Event Configuration menu
 - In the Event Configuration/Alarm Categories window, select the first item that begins with "ECS" (such as ECS Application Fault Alarms) and then select the "Delete" button. Repeat until all ECS event categories are deleted.
 - Select "Close" from the Event Configuration/Alarm Categories window
 - Select File → Save and then File → Close from the Event Configuration window
 - You should see several pop-up windows verifying the deletion of the ECS alarm categories. After all of these windows are closed, the Alarm Categories window should change to only include the following categories: Error Alarms, Threshold Alarms, Status Alarms, Configuration Alarms, Application Alert Alarms, and All Alarms.
 - Exit OpenView by selecting the Map → Exit menu option
7. Verify all .ACFG files so that the row for the MsAg_RetrySleep_sec metrics is as follows:
{ "MsAg_RetrySleep_sec" = "86400" },
 8. Do not start any SHARED mode custom servers on Sun, SGI or HP machines. Do not delete any SHARED mode files at this time.

Testing:

1. Verify that the deputy agent (EcMsAgDeputy) and the ECS daemon (EcMsCmEcsd) are not running)
2. Start HP OpenView (by running /opt/OV/bin/ovw)
3. Verify that the ovmap custom code server (EcMsCmOvmap) does not start when ovw is run
4. Verify that no error messages appear in the window from which ovw was started
5. Verify that all customer servers can start on a box correctly.

Implementation:

The HP OpenView fix should be applied to the following ECS machines:

- All MSS Server machines:
 - EDC e0msh03 (P), e0msh11 (S)
 - GSFC g0msh08 (P), g0msh11 (S)
 - LaRC l0msh03 (P), l0msh22 (S)
 - NSIDC n0msh03 (P), n0msh10 (S)
 - SMC m0msh03 (P), m0msh14 (S)
 - VATC t1msh01 (P), t1msh08 (S)
 - PVC p0msh08 (P), p0msh11 (S)

(Note: HP OpenView may not have been configured on all secondary hosts)

- Other HPOV machines:
 - EDF slimer
 - sparrow

The .ACFG file fix should be verified on all machines.

The directive to not start SHARED mode custom servers applies to all SUN, HP and SGI machines on which SHARED mode is installed.

Point of Contact:

Lou Swentek, INFR (ICOTS), (301) 925-0437

Approved By:M. McBride
Director, Systems Engineering



ECS Project

Engineering Technical Directive

No. 00-0xx

Subject: Removing HP OpenView-related ECS Custom Code

xx Sep 00

Reference CCR: 00-

-----End of Directive-----

ECS Configuration Change Request

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Page(s)

1. Originator Barry Eberhard	2. Log Date: 1/12/01	3. CCR #: 01-0034	4. Rev: -	5. Tel: 605-594-2560	6. Rm #: EDC	7. Dept. EDC
8. CCR Title: Scripts needed for IGS directory cleanup at SMC						
9. Originator Signature/Date <i>John C. Eberhard for BE</i>			10. Class II	11. Type: CCR	12. Need Date: 01/19/01 <i>BE</i>	
13. Office Manager Signature/Date <i>[Signature]</i> 1/11/01			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Routine	
16. Documentation Drawings Impacted:			17. Schedule Impact:	18. CI(s) Affected: m0css04		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: EDC local CCR EDCdd00124						
23. Problem: (use additional Sheets if necessary) Scripts are needed at the SMC for cleaning up the IGS directories after the data has been ingested at EDC. <i>Doug Suter 1/12/01</i> <i>Phil A. Kinn 1/12/01</i>						
24. Proposed Solution: (use additional sheets if necessary) EDC will provide the script to the SMC, who will install and run it on the IGS machine. The script is called SmcIgsPanBasedCleanup. It runs on m0css04. It is run by a cron job with root privileges each day. When it is run, it: 1) checks for PANs in a given IGS's directory. 2) for each valid (successful) PANs, the corresponding PDR and DATA files are moved to /HOLDING. 3) The PAN is deleted. <u>See additional sheet for a copy of the script.</u>						
25. Alternate Solution: (use additional sheets if necessary) Manually clean up directories						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) If the scripts aren't run, the directories will eventually be overwhelmed.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ADDITIONAL SHEET

CCR #: *01-0034* Rev: - Originator: Barry Eberhard

Telephone: 605-594-2560 Office: EDC

Title of Change: Scripts needed for IGS directory cleanup at SMC

Below is a copy of the script:

```
#!/data2/OPS/COTS/tivoli/bin/solaris2/contrib/bin/perl -w
#@(#)#####
#@(#)
#@(#) Name:      SmcIgsPanBasedCleanup
#@(#) Author:    Tom Lines
#@(#) Description: Moves Data & PDRs & removes PANs based on the PAN
#@(#) Date:      01/04/2001
#@(#)
#@(#) Date      Who      What
#@(#) -----
#@(#) 01/04/2001 Tom Lines  Creation
#@(#)
#@(#)#####

$host = `bin/uname -n`;
$host =~ s/^n//g;

# Must be run on the machine holding the PANs
exit if( $host ne "m00ss04" );

$holdingDir = "/IGS/HOLDING";
$metaDir    = "/IGS/META";

@rootDirs   = `bin/lis $metaDir`;

foreach $root ( @rootDirs ) {
    $root =~ s/^n//g;

    $spanDir = "$metaDir/$root/PAN";
    $pdrDir  = "$metaDir/$root/PDR";
    $dataDir = "$metaDir/$root/DATA";

    opendir( PAN, $spanDir );

    while( $span = readdir( PAN ) ) {
        $span =~ s/^n//g;

        next if( $span =~ m/^\./ );

        @file = "";
        @file = `bin/cat "$spanDir/$span"`;

        if ( $file[0] =~ m/SHORTPAN/ ) {

            &ShortPan ( );
        };
    };
};
```

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```
closedir( PAN );

exit(0);

#-----

sub ShortPan {

  if( $file[1] =~ m/DISPOSITION = SUCCESSFUL/ ) {
    $pdr = $pan;
    $pdr =~ s/PAN/PDR/g;

    open( PDR, "<$pdrDir/$pdr" ) || return;

    while( $line = <PDR> ) {
      $line =~ s/\n//g;

      if( $line =~ m/FILE_ID/ ) {
        $fileName = &ParseLine( $line );
        $fileName =~ s/ /_/g;

        # Move the datafile
        if( -e "$dataDir/$fileName" ) {
          system( "/bin/mv $dataDir/$fileName $holdingDir/$fileName" );
        };
      };
    };
    close( PDR );

    # Move the PDR file
    if( -e "$pdrDir/$pdr" ) {
      system( "/bin/mv $pdrDir/$pdr $holdingDir/$pdr" );
    };

    # Remove the PAN file
    if( -e "$panDir/$pan" ) {
      unlink( "$panDir/$pan" );
    };
  };
};

#-----

sub ParseLine {

  $myLine = $_[0];

  @tmp = split( ":", $myLine );
  @temp = split( "=", $tmp[0] );
  $element = $temp[1];
  $element =~ s/"/'/g;
  return $element;
};
```

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TOTAL P.04

ECS Configuration Change Request

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Page(s)

1. Originator Michelle Garrett	2. Log Date: 14 DEC 00	3. CCR #: 00-1164	4. Rev: -	5. Tel: (301) 925-0537	6. Rm #: 2044H	7. Dept. SED/CM
8. CCR Title: LaRC COTS SW Audit Baseline Updates						
9. Originator Signature/Date <i>Michelle Garrett</i> 12/15/00		10. Class II	11. Type: CCR	12. Need Date: 12/18/00		
13. Office Manager Signature/Date <i>Sharon Jones Brown</i>		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: 910-TDA-003, 920-TDL-002		17. Schedule Impact: Audit		18. CI(s) Affected:		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) Update LaRC 5B COTS Software Version B/L and the Hardware Software Map with SUN, HP and SGI changes as a result of the LaRC 5B PCA. These baseline changes will include adding/removing COTS SW products.						
24. Proposed Solution: (use additional sheets if necessary) Implement above changes in XRP as delineated in Section 23.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Would delay the baseline and the asbuilt being in sync.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>[Signature]</i> 12/15/00		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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Deferred - ORIGINAL 24
DAACs will look at again for next ccb

ADDITIONAL SHEET

CCR #: 00-1164 Rev: Originator: Michelle Garrett

Telephone: (301) 925-0537 Office: 2044H

Title of Change: LaRC COTS SW Audit Baseline Updates

- 1) Add Acrobat Reader 3.0 to I0mss05.
- 2) Remove ACSLs patch 586037 and patch 600585 from I0drs02.
- 3) Add Autosys 3.4.2.35 to I0spg05, I0spg06, I0pls02, I0pls01 and I0spg01.
- 4) Add Autosys Remote Agent 3.4.2.32 to I0ais01, I0pls01 and I0pls02.
- 5) Add Autosys Expert 3.4.2.35 to I0spg01, I0spg05, I0pls01, I0sps03, I0ais01, I0spg06 and I0pls02.
- 6) Remove CDE 1.0.2 from I0ins01 and I0ins02.
- 7) Remove ClearCase 3.1.1 from I0ais09, I0icg01 and I0icg02.
- 8) Remove ClearCase Patches from I0ais09, I0drg01 and I0drg03.
- 9) Remove Crack 4.1 from I0acs01 and I0acs06.
- 10) Add Crack 4.1 to I0css02.
- 11) Remove DCE App. Develop Tool Kit from I0mss01.
- 12) Add DCE App. Develop Tool Kit to I0css02 and I0msh03.
- 13) Remove DCE Cell manager Host Agent 1.6.2 from I0aqq01.
- 14) Remove DCE Client 1.1C from I0spg01, I0spg05 and I0spg06.
- 15) Remove DCE Server 1.1 from I0mss01.
- 16) Add DCE Server 1.1 to I0mss05.
- 17) Add Exabyte Driver 1.3 to I0mss10 and I0mss05.
- 18) Remove FORCHECK 12.30 from I0ais01 and I0ais09.
- 19) Remove FORTRAN 77 Compiler 4.2 from I0ais09, I0ais01 and I0sps03.
- 20) Add Hippi SW 3.3.1 to I0spg01, I0spg06, I0drg01, I0spg05, I0acg05, I0acg02 and I0drg03.
- 21) Add Hippi Adaptor SW to I0drg03, I0acg05, I0acg02, I0spg06, I0spg01, I0spg05 and I0drg01.
- 22) Remove JetAdmin D.02.10 from I0pls02, I0sps03, I0dms05 and I0dms04.
- 23) Remove Legato Networker Server 5.5.1_Build_115 from I0mss05.
- 24) Add Legato patch 5.5-001 to I0spg06, I0spg01, I0drg01, I0drg03, I0acg05, I0spg05, I0icg01, I0acg02, I0dms01 and I0icg02.
- 25) Remove Netscape Communicator 4.7 from I0ais01, I0acs01, I0dms04, I0dms05, I0dms01, I0acs06 and I0ais09.
- 26) Add ProDev Workshop 2.7 to I0icg01, I0acg02, I0icg02 and I0acg05.

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27) Remove Purify 4.0.1 from I0spg05, I0pls..., I0mss01, I0sps03, I0spg06, I0spg01, I0drg01, ... iss21, I0drg03 and I0mss20.

28) Remove Raid Driver 2.3 from I0spg06, I0acg02, I0drg01, I0spg01, I0icg02, I0acg05, I0icg01, I0drg03 and I0spg05.

29) Add RAID PROM 1.73.0 to I0acg02, I0drg01, I0spg06, I0icg01, I0icg02, I0spg01, I0spg05, I0drg03 and I0acg05.

30) Remove SATAN 1.1.1 from I0acs01 and I0acs06.

31) Add Sendmail 8.8.8+Sun to I0dms05, I0dms01, I0dis01, I0sps03, I0dis02, I0dms04, I0pls01, I0pls02, I0ais10, I0ins02, I0ins01, I0ais09, I0ais01, I0mss01, I0css02, I0acs06, I0acs04, I0mss21, I0mss05, I0mss20, I0mss10, I0drs02, I0acs01 and I0acs03.

Document Name	From	To
Hardware-Software Map, LaRC Operational Subsystem B/L 5B	920-TDL-002 Rev 22	920-TDL-002 Rev 23
COTS Software Version Baseline Report ECS-wide Subsystem B/L Drop 5B	910-TDA-003 Rev 59	910-TDA-003 Rev 60

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ECS Configuration Change Request

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Page(s)

1. Originator Michelle Garrett	2. Log Date: 14 DEC 00	3. CCR #: 00-1165	4. Rev: —	5. Tel: (301) 925-0537	6. Rm #: 2044H	7. Dept. SED/CM
8. CCR Title: GSFC COTS SW Audit Baseline Updates						
9. Originator Signature/Date <i>Michelle Garrett</i> 12/15/00		10. Class II	11. Type: CCR	12. Need Date: 12/18/00		
13. Office Manager Signature/Date <i>Nancy Jones Brown</i>		14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: 910-TDA-003, 920-TDG-002		17. Schedule Impact: Audit		18. CI(s) Affected:		
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) Update GSFC 5B COTS Software Version B/L and the Hardware Software Map with SUN, HP and SGI changes as a result of the GSFC 5B PCA. These baseline changes will include adding/removing COTS SW products.						
24. Proposed Solution: (use additional sheets if necessary) Implement above changes in XRP as delineated in Section 23.						
25. Alternate Solution: (use additional sheets if necessary) None.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Would delay the baseline and the asbuilt being in sync.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:		31. CCR Closed Date:
32. EDF/SCDV CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>Nancy Jones Brown</i> 12/15/00		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&O

ORIGINAL

DAACs will look at
again for next CCB 27

Deferred

ADDITIONAL SHEET

CCR #: **00-1165** Rev: Originator: Michelle Garrett

Telephone: (301) 925-0537 Office: 2044H

Title of Change: **GSFC COTS SW Audit Baseline Updates**

- 1) Remove ACSLs patch 586037/600585 from g0drs04.
- 2) Add BDS 2.0p0 to g0icg01 and g0icg02.
- 3) Add CDE 1.0.2 to g0ais06 and g0ais07.
- 4) Add Creator Graphics 1.2.0 to g0acs02, g0acs03, g0acs06, g0ais01, g0ais05, g0css02, g0dis02, g0dms03, g0dms04, g0dms05, g0ins01, g0ins02, g0mss02, g0mss07, g0mss10, g0mss20, g0mss21, g0pls01, g0pls03 and g0sps06.
- 5) Add DCE App. Develop Tool Kit 1.1 to g0css02, g0dms03 and g0pls02.
- 6) Add DCE App. Develop Tool Kit 1.5 to g0msh08.
- 7) Remove DBVision 3.1.8 from g0msh11.
- 8) Add DCE Cell Manager Host Agent 1.6.2 to g0spg01 and g0spg07.
- 9) Remove Exabyte Driver 1.3 from g0dis01.
- 10) Remove Database Xcessory 1.5 from all host.
- 11) Add IQ (Report Writer) 5.5.01 from g0mss20.
- 12) Upgrade JRE to latest version 1.2.1 on g0ins01 and g0ins02.
- 13) Add NCDWare 4.1.141 to g0ais01, g0mss07 and g0sps06.
- 14) Add ProDev Workshop 2.7 to g0acg01, g0aqq02, g0drg06, g0icg01 and g0icg02.
- 15) Add Hippi SW 3.3.1 to g0acg01, g0drg01, g0drg02, g0icg01, g0icg02, g0spg01 and g0spg07.
- 16) Add Hippi Adaptor SW to g0icg01 and g0icg02.
- 17) Add ClearCase 3.1.1 to g0drg01, g0icg01, g0icg02, g0pls01, g0pls02, g0pls03 and g0sps06.
- 18) Add ClearCase Patch 3.1.1 to g0pls02.
- 19) Add ClearCase Patches 3.2.1-25/3.2.1-29 to g0ais05, g0mss02 and g0mss10.
- 20) Upgrade JetAdmin D.02.10 to latest version D.06.15 on g0ais05 and g0dis01.
- 21) Remove Purify 4.0.1 from g0drg01, g0drg02, g0spg01, g0spg07, g0sps06, g0mss02, g0mss20, g0mss21, g0pls02, g0msh08 and g0msh11.
- 22) Remove Legato Patch 5.5-001 from all host.
- 23) Remove Raid Driver 2.3 from g0acg01, g0drg01, g0drg02, g0drg07, g0icg01, g0icg02, g0spg01 and g0spg07.
- 24) Remove Crack 4.1 from g0acs02 and g0acs06.
- 25) Remove SATAN 1.1.1 from l0acs03 and l0acs04.

ECS Configuration Change Request

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Page(s)

1. Originator Robert Haas	2. Log Date: 08 JAN 01	3. CCR #: 01-0013	4. Rev: —	5. Tel: 4114	6. Rm #: 2072B	7. Dept. SE
8. CCR Title: Procure Product Distribution System for LARC and NSIDC						
9. Originator Signature/Date <i>Robert Haas</i> 1/8/01		10. Class II	11. Type: CCR	12. Need Date: 01/08/2001		
13. Office Manager Signature/Date <i>James R. Miller</i> 1/8/01		14. Category of Change: PRO		15. Priority: (If "Emergency" fill in Block 28), Emergency		
16. Documentation/Drawings Impacted:		17. Schedule Impact: 01/01/2001		18. CI(s) Affected:		
19. Release Affected by this Change: 5A		20. Date due to Customer: 01/10/2001		21. Estimated Cost: Medium - Over 500K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: Vendor support quote						
23. Problem: (use additional Sheets if necessary) The purpose of this action is for Product Distribution System material to meet the 6A schedule. ECS distribution development could not meet schedule required.						
24. Proposed Solution: (use additional sheets if necessary) Replace existing media distribution with PDS. Procure equipment up to LARC and NSIDC and other long lead items under the cost cap.						
25. Alternate Solution: (use additional sheets if necessary) Keep our current design and not meet the customer schedule.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Failure to fulfill 6A schedule requirement.						
27. Justification for Emergency (If Block 15 is "Emergency"): Need January delivery to meet 6A schedule.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>James R. Miller</i> 1/10/01		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>W. B. Smith</i> 1/10/01		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date): <i>Robert J. Miller</i> 1/10/01		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ECS/EDF/SCDV/M&O

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Request for
Document CCR